CIC #:

99EPA

Customer Order Number: DW96942125

EPA SUPERFUND PROGRAM

BETWEEN APPROPRIATIONS AND/OR FUNDS (AR 37-1)

VOUCHER FOR TRANSFERS

Billed Date:

02-Mar-2015

Mission Assignment No:

PASSAIC CPG OVERSIGHT

147757 BZ761

EPA 598

D.O. Voucher No.

BU. Voucher No.

Bill No.

Paid By Check No.

Collection Vou. No.

27071897

Partial # 93

02-Feb-2015 Thru 02-Mar-2015

Billed Office (Mail To):

U.S. ENVIRONMENTAL PROTECTION AGENCY ACCOUNTING OPERATIONS OFFICE 26 W MARTIN LUTHER KING DRIVE CINCINNATI OH 45268-7002

Billing Office (Send Remittance To):

USACE FINANCE CENTER G5 KANSAS CITY DISTRICT G5 **5720 INTEGRITY DRIVE**

MILLINGTON TN 38054-5005

Billed Accounting Classification

Billing Accounting Classification

068 068 X 8145,0000 2007 00 0000 0000000000 00000

096 NA X 3122.0000 G5 08 2416 868 022125 96231 \$13,205.48

\$13,205.48

Line Item Moa

Description

Eaid No

Amount

\$1,780.10

1 CONTRACT - OUTSIDE GOVERNMENT TRANSP OF GOVT EMPLOYEES OR OTHERS, PERDIEM ALLOW IN TVL STATUS & OTH INCIDENTAL TRVL EXP 1 INHOUSE - LABOR

DEPARTMENTAL OVERHEAD COSTS

GENERAL AND ADMINISTRATIVE OVERHEAD COSTS

\$3,395.77 \$955.08 \$7,074.53

1 INHOUSE - LABOR

Subtotal:

\$13,205.48

1 INHOUSE - LABOR

LABOR

\$13,205,48

Less Partial Amount Paid:

\$0.00

"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT

CORPS CERTIFICATION

REQUESTED IS CORRECT TO THE EEST OF MY KNOWLEDGE. AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR

FUNDS AS INDICATED.

Payment Due Date: 01-Apr-2015

Pay This Amount:

Total Billed Amount:

Accounts Of

\$13,205,48

Funds Authorized:

Prev Billed Amount:

\$12,100,000.00

CERTIFICATE OF OFFICE BILLED

Total Billed Amount:

\$9,632,174,28 \$9.618.968.80 I certify that the above articles were received and accepted or the services performed as stated and should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance payment requested is approved and should be paid as indicated.

Current Billed Amount: Total Flux Billed: \$13,205.48

\$0.00

Prev Flux Billed:

\$0.00

Date:

Current Flux Billed: \$0.00

Authorized Administrative or Certifying Officer

Page: 57

Date: 03-MAR-2015 Time: 10:00:49

PROGRESS REPORT

KANSAS CITY DISTRICT

DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

IA Number: DW96942125

MONTHLY REPORT FOR FEBRUARY 2015

	Revised Reimbursable (096X3122)	Direct Fund Cite	IA Totals (096X3122)
STATEMENT OF CHARGES FOR PERIOD:			
Total Funds Authorized:	\$12,100,000.00	\$0.00	\$12,100,000.00
Less Total Expenditures: (-)	\$9,632,174.28	\$0.00	\$9,632,174.28
Less Undelivered Orders: (-) Less Commitments: (-)	\$2,182,222.01 \$5,218.99	\$0.00 \$0.00	\$2,182,222.01 \$5,218.99
		······································	
Funds Available Balance:	\$280,384.72	\$0.00	\$280,384.72

BILLING ACTIVITY (096X3122):	
Bill Number: 27071897	
Funds Expended During Report Period: Total Billed to Date:	\$13,205.48 \$9,632,174.28
DIRECT FUND CITE PAYMENTS:	
Funds Expended During Report Period: Total Expended to Date:	\$0.00 \$0.00

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Date: 03-MAR-2015

Time: 10:00:49

PROGRESS REPORT

KANSAS CITY DISTRICT

DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

IA Number: DW96942125

Bill Number: 27071897

Bill Invoice Date: 02-MAR-2015

Monthly Billing Amount (096X3122):

\$13,205.48

Monthly Direct Fund Cite Contract Cost(068X8145):

\$0.00

Budget Categories		Costs for Current Month	Prior Month's Summary	Project Costs to Date
and and and one one but the time that the cold that the cold of the cold of the time.		and and any and the same and the same way and the first and the same and the same.		
		CA 402 E7	0100 E00 EE	6102 022 12
a Personnel		\$4,421.57	\$188,500.55	\$192,922.12 \$104,332.84
b Fringe Benefits	•	\$2,652.96	\$101,679.88	\$22,516.56
c Travel		\$1,780.10	\$20,736.46	\$0.00
d Equipment		\$0.00	\$0.00	
e Supplies	•	\$0.00	\$0.00	\$0.00
f Procurement	**	\$0.00	\$8,940,139.24	\$8,940,139.24 \$0.00
g Construction		\$0.00	\$0.00	\$186,304.69
h Other		\$0.00	\$186,304.69 \$9,437,360.82	\$9,446,215.45
i Total Direct Charges	•	\$8,854.63	\$181,607.98	\$185,958.83
j Total Indirect Charges		\$4,350.85	7101,007.90	\$163,930.63
k TOTAL		\$13,205.48	\$9,618,968.80	\$9,632,174.28
LABOR BREAKOUT FOR MONTH:				
To Alack docad	T a catalan	Function	Hours	Labor Amount
Individual	Location	Function 		Labor Allounc
SHELLY M ALLEN	KANSAS CITY DISTRICT	PROGRAM ANALYST	2.00	\$208.58
ELIZABETH FRANKLIN	KANSAS CITY DISTRICT	HTRW PROJECT MANAG		\$10,613.08
JILL K. FRALEY	KANSAS CITY DISTRICT	SUPERVISORY GEOLOG		\$130.91

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Date: 03-MAR-2015 Time: 10:00:49

KANSAS CITY DISTRICT DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
and that there have the the the that the	Que que sus sus sus sus sus sus	The time along their later time time.		and any one one and age and any one full the own
ROBERT M PENDER, JR	KANSAS CITY DISTRICT	HTRW PROJECT MANAGER	0.75	\$100.78
LYNN M. THOMAS	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	3.00	\$372.03
				AND AND AND AND SHE SHE SHE SHE SHE AND AND AND AND
TOTAL LABOR:			85.75	\$11,425.38

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PROGRESS REPORT

Progress Report for EPA Region II

Site:	Diamond Alkali, Lower Passaic River (Extended Study): RI/FS Oversight, New Jersey				Phas	e:	RI/FS	, OU4		
Bill No.:	Partial #93 27071897		IAG No.: IAG: DW96942125/BZ NWK IAG Award Date: 8/31/							Other Corps P2 #147757/FWI 96B4B2 OWI 85F343/5L3H49
Reporting Period:	From: February 2, 2015				EPA RPM Stephanie V	'aughn			USACE PM Elizabeth Fra	anklin
Work Performed										

Work Performed	☐ On 3 Feb 2015, participated in project progress conference calls with EPA/COE/CDM/LBG/HDR/BAT.
	☐ Funding. No funding received during the reporting period.
	☐ Team Calls. On 3, 9, 23 Feb 15 and 2 Mar 15, participated in weekly manager's call.
	□ CDM Task Order 0005; Mod 06 □ On 4 Feb 15, Modification 6 was awarded, totaling \$1,100,000. □ Contracting office charges are reflected in this reporting period.
	□ CDM Task Order 0005; WVNs □ On 24 Feb 15, received notice from D. Marabello regarding need for another WVN. Discussed the specifics and anticipate formal submittal of WVN in the next reporting period.
	□ Team Personnel/Meetings. □ On 11 Feb 15, attended PM meeting in CDM offices in NYC. Purpose of meeting was to discuss management expectations, specific contract, reporting and cost tracking requirements with K. Tan and D. Marabello during the PM transition time.
	 □ RM 10.9 □ On 4 Feb 15, participated in conference call to discuss long term monitoring at RM 10.9. □ On 24 Feb 15, uploaded several large video files documenting RM 10.9 dredging to the team SharePoint site at the request of EPA.
	 □ Cost Recovery. □ Continued to work with K. Tan to ensure all PRs up to the present have been corrected and updated for consistency. This was discussed specifically at the 11 Feb 15 meeting with CDM. □ On 2 Feb 15, provided a revised cost recovery report to EPA with more detail regarding the cost at RM 10.9. □ On 4 Feb 15, provided one final revised set of cost recovery reports to EPA after final QC was complete and minor documentation edits were made.
	 □ Invoices. TO 0005. □ On 26 Feb 15, reviewed and approved CDM Invoice #32, totaling \$95,591, for period 30 Nov 14 – 3 Jan 15. □ Invoice #32 was reviewed and paid prior to Invoice #31 due to the latter being delayed for minor corrections. □ Invoice #32 was reviewed and paid during the reporting period yet the actual charges will be reflected in the next reporting period.
	☐ On 24 Feb 15, participated in conference call to discuss the modeling oversight.
	On 27 Feb 15, participated in conference call to continue discussions on the depth of exposure analysis and mapping of contaminants.
	On 2 Mar 15, participated in conference call with EPA and the entire CDM RI review team. The purpose was to develop the plan and personnel for this review effort. Followed up with email to CDM requesting a tracking table to capture their efforts by team members and RI sections.

	Progress Report for EPA Region II
Work Performed (cont.)	 □ Schedule. □ CDM current deliverable table is dated 10 Sep 14. □ CPG current schedule is dated 23 May 14. □ On 3 Dec 14, HDR provided updated list of actions with the CPG modeling submittals. □ Preparation of Progress Report and Project Expenditure spreadsheet
Key Contract Milestones Completed to Date	 □ MPI Task Order 0020: Contract W912DQ-06-D-0006, Expiration Date – 19 Sep 2012 □ 21 Sep 07 –Base Task Order, CPG RI/FS Oversight awarded for \$349,601. □ 19 Jun 08 – Modification 01, CPG RI/FS Oversight was awarded for \$274,903.
	MPI Task Order 0010: Contract W912DQ-08-D-0017, Expiration Date — 15 Jan 2014 16 Jan 09 — Base Task Order, CPG RI/FS Oversight was awarded for \$65,000. 5 Mar 09 — Modification 0001 was awarded for \$69,772. 24 Jun 09/1 Jul 09 - Modification 0002 was awarded for \$49,756 (verbal on 24 Jun/written on 1 Jul). 3 Aug 09 — Modification 0003 was awarded for \$378,843. 28 Aug 09: Contract Mod 4 was awarded, totaling \$279,277. 1 Sep 09, Mod 5 (admin in nature) was signed. 29 Dec 09, Mod 6 was awarded, totaling \$211,881. 9 Jul 10, Mod 7 was awarded, totaling \$52,890. 28 Dec 10, Mod 8 was awarded, totaling \$54,473. CDM Task Order 0014: Contract W912DQ-08-D-0018, Expiration Date — 30 Jul 2014 3 Aug 09 — Base Task Order, CPG RI/FS Oversight was awarded for \$160,000 (verbal was given 31 Jul 09) 22 Aug 09: Contract Mod 1/TO 0014 was issued, totaling \$175,902. 25 Aug 09; Mod 2 (admin in nature) was signed. 23 Dec 09; Mod 3 was awarded, totaling \$493,000. 3 Mar 10; Mod 7 was awarded, totaling \$283,000. (Numbering out of order due to electronic system error.) 14 May 10; Mod 8 was awarded, totaling \$375,000. 21 Oct 10, Mod 10 was awarded, totaling \$375,000. 21 Oct 10, Mod 11 was awarded, totaling \$375,000. 21 Oct 10, Mod 11 was awarded, totaling \$374,426 (note funding split as follows: \$50,000 is Passaic FFS, IA 1975 and \$24,426 is Newark Bay, IA 2023). 4 May 11, Mod 12 was awarded, totaling \$682,426 (note funding split as follows: \$645,000 is IA 2023 and \$37,426 is IA1975). 19 Sep 11, Mod 13 was awarded, totaling \$150,000.
	□ CDM Task Order 0005; Contract W912DQ-11-D-3004, Expiration Date − 15 Dec 2016 □ 15 Dec 11 − Base Task Order, CPG RI-FS Oversight was awarded for \$770,000 □ 24 Jan 12 − Mod 1 (admin in nature) was signed. □ 1 Jun 12 − Mod 2 was awarded, totaling \$1,059,312. □ 7 Jan 13 − Mod 3 was awarded, totaling \$1,500,000. □ 11 Jul 13 − Mod 4 was awarded, totaling \$1,250,000. □ 14 Feb 14 − Mod 5 was awarded, totaling \$900,000. □ 4 Feb 15 − Mod 6 was awarded, totaling \$1,100,000.

LBG Task Order 0001; Contract W912DQ-11-D-3009, Expiration Date – 17 Nov 2016 26 Nov 13 – Mod 7 was awarded, IA funds totaling \$11,522 (for Kern Statistical).

9 May 14 - Mod 9 was awarded, IA funding totaling \$64,533 (for Kern Statistical and RM 10.9 sample storage).

Contractor Actions	CDM
Contractor Actions/	
Accomplishments	☐ Management. CDM participated in progress calls as noted throughout this report, prepared the CDM progress report, and participated in team meetings and conference calls. On 22 Feb 15, updated COI documents were submitted. Many previous progress reports were corrected and submitted. Additional information may be found in the CDM Progress Report covering period February 1 - 28, 2015 (progress report dated April 10, 2015).
	☐ River Mile 10.9 Water Main Survey
	Minimal shipping charges.
	☐ River Mile 10.9 Removal Action Oversight.
	 On 4 Feb 15, participated in planning call with EPA, USACE and HDR to discuss LTMP initial observations. On 23 Feb 15, submitted comments on CPG LTMP worksheets received in January.
	☐ CDM Fieldwork Oversight.
	☐ CDM Fieldwork Oversight Reporting.
	o On 2 Feb 15, submitted comments on the CPG RTC on the Small Volume CWCM Sampling Program
	Characterization Summary.
	 On 10 Feb 15, submitted comments on the CPG RTC on the High Volume CWCM Sampling Program Characterization Summary.
	CDM Data Manager/Website/Digital Library.
	Provided data management support to EPA, team members and partner agencies.
	 Continued dataset modification to organize data into analyte groups for data retrieval improvement and report functionality.
	☐ CSO/SWO Sampling Oversight
	CDM reviewed and responded to Tierra questions regarding valid value errors. Province was a distributed of Tierra (Contained Contained Conta
	 Review suspended of Tierra's Combined Sewer Overflow/Stormwater Outfall Investigation Phase 1 Evaluation/Recommendation Report (dated October 2014) until receipt of associated electronic data files.
	□ Modeling (HDR).
	 On 6 Feb 15, modeling team attended meeting at EPA offices regarding the 2-cm depth of exposure issue.
	 Several ongoing reviews with specific details noted in the CDM progress report.
	 Continued to review the sedtran model outputs.
	 Continued to review the carbon simplification model code and related correspondence.
	Continued to review the contaminant model code and model outputs.
	 Continued to review the bioaccumulation model Participated in conference calls as noted in the CDM Progress Report.
	CPG Risk Assessment.
	On 6 Feb 15, risk assessment team attended meeting at EPA offices regarding the 2-cm depth of exposure issue.
	o On 13 Feb 15, submitted compiled comments received from EPA, NOAA and NJDEP on the CPG draft BERA.
	 Participated in conference calls as noted in the CDM Progress Report.
	□ RI/FS Documents
	o On 6 Feb 15, CDM RI team attended meeting at EPA offices regarding the 2-cm depth of exposure issue.
	 Several conference calls held regarding the initiation of the CPG's Draft LPRSA RI/FS Remedial Investigation Report, dated February 2015.
	o Review of the CPG's RI/FS report was initiated this reporting period.
	 Participated in conference calls regarding the COPC mapping interpolation issue.
	□ Data Evaluation.
	☐ 17 Mile Schedules.
	o CDM current deliverable table is dated 26 Feb 15.
Meetings	 CPG current schedule is dated 25 May 14. Continuation of internal team calls and additional coordination meetings/conference calls with CPG.
Key Milestones	As noted in the CPG schedules and/or verbal updates.
Forthcoming	
Issues	
Technical:	Issues are worked in an ongoing basis as discussions held between the EPA and CPG.
Schedule	EPA discusses schedule items with the CPG as needed.
Funding:	None at this time.

			-			IAG Summary: Technical Assistance							
	Amendment Funding												
USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG							
410,000	0	Initial	9/6/07	-	-	\$ 410,000							
290,000	0	1	6/3/08	-	-	\$700,000							
75,000	0	2	12/31/08	-	-	\$775,000							
85,000	0	3	2/19/09	-	-	\$860,000							
50,000	0	4	6/23/09	-	-	\$910,000							
576,665	0	5	7/27/09	-	-	\$1,486,665							
500,000	0	6	8/7/09	-	-	\$1,986,665							
789,000	0	7	12/1/09	-	-	\$2,775,665							
300,000	0	8	2/24/10	-	-	\$3,075,665							
140,000	0	9	4/27/10	-	-	\$3,225,665							
510,000	0	0	5/24/10	-	-	\$3,735,665							
400,000	0	0	9/14/10	-	-	\$4,135,665							
745,000	0	0	4/8/11	-	-	\$4,880,665							
150,000	0	0	8/31/11	-	-	\$5,030,665							
850,000	0	0	11/12/11	-	-	\$5,880,665							
1,124,335	0	0	5/14/12	-	-	\$7,005,000							
1,650,000	0	0	12/6/12	-	-	\$8,655,000							
1,345,000	0	0	5/31/13	-	-	\$10,000,000							
900,000	0	0	2/7/14	-	-	\$10,900,000							
1,200,000	0	0	11/21/14	-	-	\$12,100,000							

Expenditures: USACE and Contract

Summary of Funds Spent Per Activity & Funding Remaining							
Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining			
MPI: Contract W912DQ-06-D-0006; Task Order 0020; awarded 21 Sep 07	\$349,601.00	\$0.00	\$349,601.00	\$0.00			
MPI: Contract W912DQ-06-D-0006; Task Order 0020/Mod 1; awarded 19 Jun 08	\$274,903.00	\$0.00	\$267,213.93	\$7,689.07			
MPI: Contract W912DQ-08-D-0017; Task Order 0010; awarded 16 Jan 09	\$65,000.00	\$0.00	\$65,000.00	\$0.00			
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 1; awarded 5 Mar 09	\$69,772.00	\$0.00	\$69,772.00	\$0.00			
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 2; awarded 24 Jun 09	\$49,756.00	\$0.00	\$49,756.00	\$0.00			
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 3; awarded 3 Aug 09	\$378,843.00	\$0.00	\$378,843.00	\$0.00			
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 4; awarded 28 Aug 09	\$279,277.00	\$0.00	\$279,277.00	\$0.00			
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 6; awarded 29 Dec 09 Note 1	\$211,881.00	\$0.00	\$211,881.00	\$0.00			
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 7; awarded 9 Jul 10	\$52,892.00	\$0.00	\$52,892.00	\$0.00			
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 8; awarded 28 Dec 10	\$54,473.00	\$0.00	\$19,780.45	\$34,692.55			
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Base Contract; awarded 6 Aug 09 (verbal 31 Jul 09)	\$160,000.00	\$0.00	\$160,000.00	\$0.00			
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 1; awarded 22 Aug 09	\$175,902.00	\$0.00	\$175,902.00	\$0.00			
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 3; awarded 23 Dec 09 Note 2	\$493,000.00	\$0.00	\$493,000.00	\$0.00			
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 7; 3 Mar 10 $^{\rm Note~3}$	\$283,000.00	\$0.00	\$283,000.00	\$0.00			
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 8; awarded 14 May 10	\$140,000.00	\$0.00	\$140,000.00	\$0.00			
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 9; awarded 9 Jun 10	\$375,000.00	\$0.00	\$375,000.00	\$0.00			
CDM: Contract W912DQ-08-D-0017\8; Task Order 0014/Mod 10; awarded 21 Oct 10 Note 4	\$299,923.00	\$0.00	\$299,923.00	\$0.00			
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 11; awarded 27 Dec 10 Note 5	See note 5	\$0.00	\$0.00	\$0.00			
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 12; awarded 4 May 11 ^{Note 6}	\$645,000.00	\$0.00	\$645,000.00	\$0.00			
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 13; awarded 19 Sep 11	\$150,000.00	\$0.00	\$137,307.00	\$12,693.00			

Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Base TO; awarded 15 Dec 11	\$770,000.00	\$0.00	\$770,000.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 2; awarded 1 Jun 12	\$1,059,312.00	\$0.00	\$1,059,312.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 3; 7 Jan 13	\$1,500,000.00	\$0.00	\$1,500,000.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 4; awarded 11 Jul 13	\$1,200,000.00	\$0.00	\$1,128,275.00	\$71,725.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 5; awarded 14 Feb 14	\$900,000.00	\$0.00	\$0.00	\$900,000.00
LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 7; awarded 26 Nov 13	\$11,522.00	\$0.00	\$11,522.00	\$0.00
LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 9; awarded 8 May 14	\$64,533.00	\$0.00	\$17,881.86	\$46,651.14
LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 10; awarded 4 Feb 15	\$1,100,000.00	\$0.00	\$0.00	\$1,100,000.00
Subtotal - Summary of Contracts; awarded and avail. (total reflects blocks e + f + g + \$2,491 on Page 2 IAG)	\$11,113,590.00	\$0.00	\$8,940,139.24	\$2,173,450.76
Kansas City Corps In-House Labor/Travel - 17 Mile		\$12,819.74	\$474,801.50	
Kansas City Corps In-House Labor/Travel - RM 10.9		\$385.74	\$26,496.67	
Kansas City Corps In-House Labor/Travel - Tierra Pipeline Survey	\$791,948.23	\$0.00	\$2,115.01	\$286,202.91
Kansas City Corps In-House Labor/Travel - CSO/SWO*		\$0.00	\$2,332.14	
Superfund M&S Fee - 17 Mile (no longer used)	\$99,674.34	\$0.00	\$94,991.69	\$0.00
Superfund M&S Fee - RM 10.9 (no longer used)	4 00,000	\$0.00	\$4,682.65	Ψ0.00
MIPR/ERDC - Hayter/Gailani; CPG Modeling Support	\$58,287.43	\$0.00	\$58,287.43	\$0.00
MIPR/ERDC - Estes; Decon Technology Support	\$24,500.00	\$0.00	\$21,462.39	\$3,037.61
MIPR/ERDC - Hayter (replaces MIPR above/updated office symbols)	\$12,000.00	\$0.00	\$6,865.56	\$5,134.44
Subtotal - Summary of Labor/M&S Fee	\$986,410.00	\$13,205.48	\$692,035.04	\$294,374.96
Grand Total - Contract/Corps	\$12,100,000.00	\$13,205.48	\$9,632,174.28	\$2,467,825.72

^{*} In September 2014 reporting period; the labor cost to date was incorporated into this tracking table. A total of \$2,300 to date has been incurred and future costs will be tracked in this table.

Notes on above table:

Note 1: MPI/LBG TO 0010 Mod 5 is admin, zero dollar mod

Note 2: CDM TO 0014 Mod 2 is admin, zero dollar mod.

Note 3: CDM TO 0014 Mods 4, 5, & 6 were skipped in system numbering

Note 4: CDM TO 0014/Mod 10 totals \$362,923;\$63,000 is Newark Bay funding for IT transition.

 $Note \ 5: \ CDM\ TO\ 0014/Mod\ 11\ totals\ \$74,426; \$50,000\ is\ Passaic\ FFS\ funding\ and\ \$24,426\ is\ Newark\ Bay\ funding\ for\ IT\ transition.$

Note 6: CDM TO 0014/Mod 12 totals \$682,426; \$37,426 is Passaic FFS funding for IT/transition.

Contract funding available includes a bit of technical assistance labor funding; shift approved by EPA.

IAG Scope of Work Summary (block 13 of IAG)

This amendment obligates \$XX (see amounts above for base and amendments) to the U.S. Army Corps of Engineers - Kansas City District to provide/continue oversight of the CPG's performance of Remedial Investigation and Feasibility Study at the Diamond Alkali OU4 Superfund Site (EPA ID: NJD980528996)

Project Delivery Team

Name Beth Franklin Josh Hill Shelley Thomas Irvin Gray	ContactInformation	Responsibility
Beth Franklin	(816) 389-3581	Project Manager
	Cell: (816) 695-5797	
Josh Hill	(816) 389-3827	Contract Specialist
Shelley Thomas	(816) 389-3842	Contracting Officer
Irvin Gray	(816) 389-3146	Attorney
Julia Kisser	(816) 389-3874	COR

Prepared by: Elizabeth Franklin

Project Manager 22 June 2015

PROGRESS REPORT

Site Name: Lower Passaic River Restoration Project and & Superfund Site

Project: Task Order 6424.005 CPG Oversight

Prepared by: Frank Tsang

Representing: CDM Federal Programs Corporation (CDM Smith)

Date: February 6, 2015 (revised March 25, 2015) Reporting Period: November 30, 2014 to January 03, 2015

The following structures reflect the WBS from TO 6424.005.

1. **Progress Made this Reporting Period** – CDM Smith performed the following activities during this period:

WAD 1, Work Order (WO) 1 - Project Management and Administration

1.1.1 Project Management

- CDM Smith performed project management including staffing, financial monitoring, invoicing, and participated in conference calls.
- CDM Smith attended a conference call with the USACE on December 12, 2014 to discuss additional details on the 2015 proposal.
- CDM Smith prepared and submitted WVN 11 (approved on December 15, 2014), WVN 12 (approved on December 19, 2014), and WVN 13 (approved on December 29, 2014) to request funding to revise previously submitted monthly progress reports for cost recovery purpose.
- CDM Smith revised draft 2015 proposal to include more detailed modeling scope and address comments from USACE.

1.1.2 Project Support Documentation & Administration

- CDM Smith prepared and submitted the November 2014 monthly progress report.
- In consultation with the USACE, CDM Smith initiated progress report revisions from May 2013 through November 2014 in order to facilitate cost recovery activities. CDM Smith addressed USACE comments on tracking labor charge transfers and subcontract status, resolving inconsistencies in some of the reports and invoices, and providing additional details on activities performed.

1.1.3 Subcontract Administration

 CDM Smith performed subcontract maintenance and processed subcontractor invoices for HDR Engineering, Inc.

1.1.4 Project Communication

- On December 9 and 23, 2014, CDM Smith updated agendas and participated in biweekly conference calls.
- On December 1, 8, 15 and 29, 2014, CDM Smith prepared for and participated in weekly project status calls with EPA and USACE.

WAD 1, WO 2 – Community Relations/Public Website

1.2.1 Public Meeting Support

No activity.

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WAD 1, WO 3 - Senior Technical Advisors

1.3.1 Senior Technical Advisor

- No activity.
- Funding for this WO is \$56,000 thru WVN 7/ATP 13 approved on 3/27/2014.

Item	TAC Member	TAC Member Subcontract Ceiling*	Authorized Funding	Payment this Period	Payment to date	Remarks
1	Ambrose	\$6,400	\$0	\$0	\$0	Subcontract in place. POP to expire 11/30/2016
2	Flood	\$6,000	\$0	\$0	\$0	Subcontract in place. POP to expire 11/30/2016
3	Di Toro	\$0	\$0	\$0	\$0	EPA/USACE placed subcontract on hold
4	Clough	\$11,457	\$6,200	\$0	\$3,380	Subcontract in place. POP to expire 11/30/2016
5	Prezant	\$13,600	\$7,590	\$0	\$5,776	Subcontract in place. POP to expire 11/30/2016
Total		\$37,457	\$13,790	\$0	\$9,156	

^{*}Subcontract Ceiling represents "available subcontract capacity" on each TAC member's respective subcontract. A subcontract modification is required when the dollar value of requested work exceeds a TAC Member's Subcontract Ceiling.

WAD 1, WO 4 – Technical Support (1.4.1)

1.4.1 Technical Support

- 2.5 Hours that were inadvertently charged to this Work Element (WE) in November
 2014 have been transferred to WE 4.3 during this reporting period.
- No activity.

WAD 2, WO 2 - Work Planning: Oversight & Communication

2.2.1 Technical Communication

No activity.

2.2.2 CPG Planning Documents Review

- 6.5 Hours that were inadvertently charged to WE 2.3.1 in May 2013 have been transferred to this WE during this reporting period.
- Received CPG response to comments and revised Feasibility Study Work Plan, LPRSA RI/FS, Revision 4, dated December 23, 2014. CDM Smith will review this document during the next reporting period.

2.2.3 TSI RM 10.9 Water Main Survey

- 5.5 Hours that were charged to WE 2.4.1 in March 2014 for review of TSI RM 10.9 water main survey work plan have been transferred to this WE during this reporting period.
- Participated in a field planning conference call with EPA, USACE and Tierra to finalize logistics for field oversight scheduled to take place from December 8 through 23, 2014.

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 Provided filed oversight and prepared field summary reports of the utility pipe probing efforts from December 9 through 17, 2014. Probing efforts were halted early due to poor weather and holiday schedule. They are expected to begin again in January 2015.

Work Element	Cost prior to	Cost This	Cost to Date
	This Period	Period	
2.2.2 CPG Planning document Review	\$0	\$0	\$0
2.2.3 TSI RM 10.9 Water Main Survey	\$5,762	\$9,883	\$15,645
2.4.1 CPG Report Review	\$757	-\$757*	\$0
2.6.1 Planning Document Review	\$0	\$0	\$0
2.7.2 RM 10.9 Remedial Action Oversight	\$0	\$0	\$0
Total Cost	\$6,519	\$9,126	\$15,645

^{*}See descriptions under Wes 2.2.3 and 2.4.1

WAD 2, WO 3 – Field Work Sampling Oversight

2.3.1 CDM Smith Work Plan Preparation (QAPP & HASP)

- 12.5 Hours that were inadvertently charged to this WE in May and October 2013 have been transferred to WEs 2.2.2 (6.5 hours) and 2.3.2 (6.0 hours) during this reporting period.
- No activity.

2.3.2 Water Column, Chemical Data Oversight

- 6.0 Hours that were inadvertently charged to WE 2.3.1 in October 2013 have been transferred to this WE during this reporting period.
- 3.5 Hours that were inadvertently charged to WE 2.3.4 in February 2014 have been transferred to this WE during this reporting period.
- 12 Hours that were inadvertently charged to WE 2.3.6 in March, June, and October 2014 have been transferred to this WE during this reporting period.
- No activity.

2.3.3 RM 10.9 Oversight

• Work element closed. See WAD 2 WO 7 for RM 10.9 oversight work.

2.3.4 LRC Supplemental Sampling Oversight

- 3.5 Hours that were inadvertently charged to this WE in February 2014 have been transferred to WE 2.3.2 during this reporting period.
- No activity.

2.3.6 Background Sampling Oversight

- 12 Hours that were inadvertently charged to this WE in March, June, and October 2014 have been transferred to WE 2.3.2 during this reporting period.
- No activity.

2.3.7 LRC SSP2 Oversight

No activity.

WAD 2, WO 4 – Report/Products: Oversight and Communications

2.4.1 CPG Report Review

- 5.5 Hours that were inadvertently charged to this WE in March 2014 have been transferred to WE 2.2.3 during this reporting period.
- Received CD containing attachments not previously submitted with the CPG's Low
 Resolution Coring Supplemental Sampling Program Addendum Second Supplemental Sampling
 Program Characterization Summary, LPRSA RI/FS. CDM Smith initiated the review of this
 additional information.
- Continued review of the CPG's response to comments and revised Low Resolution Coring Supplemental Sampling Program Addendum Second Supplemental Sampling Program Characterization Summary, LPRSA RI/FS, dated November 2014.
- Continued review of the CPG's response to comments and revised Small Volume Chemical Water Column Monitoring Sampling Program Characterization Summary, LPRSA RI/FS, dated November 2014.
- Continued review of the CPG's response to comments and revised *High Volume Chemical Water Column Monitoring Sampling Program Characterization Summary, LPRSA RI/FS,* dated November 2014.
- Performed routine update of report tracking table. No submittal was made.

WAD 2, WO 5 – Data Manager

2.5.1 Data Manager (Data/Information Transfer)

- Provided data management support including responding to inquiries from EPA/USACE, Lower Passaic River team, and partner agencies.
- Consulted with HDR regarding their reporting needs for grain size sample results stored in the Passaic River project database. Identified a way to group these data to improve data retrieval and reporting functionality. Initiated modification of the dataset to gather the data into method analyte groups that will improve functionality.

2.5.2 Database and Website Management

- Ongoing webpage support/and Enterprise interface support.
- Continued to provide webpage management support updating pages and announcements at the direction of the EPA/USACE.
- Paid invoice for 2015 internet hosting (FPWEB.NET).

WAD 2, WO 6 – CSO/SWO Sampling Oversight

2.6.1 Planning Documents Review

No activity.

2.6.2 CDM Work Plan Preparation

 No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

2.6.3 Laboratory Analysis and Coordination

Reviewed and provided comment via email on December 19, 2014 regarding the listing
of valid value errors received from Tierra via email on November 25, 2014. A follow up
call is planned for early January 2015.

2.6.4 Field Oversight and Collection of Split Samples

- Continued review of Tierra's Combined Sewer Overflow/Stormwater Outfall Investigation Phase I Evaluation/Recommendation Report Revision 0, dated October 2014.
- Continued review of CSO/SWO data validation reports for Phase 1 program samples.
- Awaiting data submittal to finalize Phase 1 reviews. Tierra anticipates forwarding analytical results by mid-February 2015.

2.6.5 Split Sample Comparison Report

 No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

WAD 2, WO 7 – RM 10.9 Removal Action Oversight

2.7.1 Report Review/Technical Support

No activity.

2.7.2 Remedial Action Oversight

- 6.5 Hours that were inadvertently charged to this WE in May 2013 have been transferred to WE 2.7.3 during this reporting period.
- No activity.

2.7.3 Sampling Analysis

- 6.5 Hours that were inadvertently charged to WE 2.7.2 in May 2013 have been transferred to this WE during this reporting period.
- No activity.

WAD 3, WO 1 - Modeling Support

- Project Management & Support
 - Prepared monthly invoice and write up.
- Bi-Weekly Conference Calls
 - No activity.
- Project Review Conference Calls & Mod Meetings
 - No activity.
- Transfer of Model Codes/Support
 - No activity.
- Field Oversight
 - No activity.
- Modeling Oversight
 - Performed computation of chemical fluxes in the Passaic River using the HV-CWCM data for comparison to CPG model results.
 - Prepared figures presenting the vertical profile of the fraction cohesive computed by the CPG sediment transport model.
 - Reviewed the CPG's responses to comments on the 2011 and 2012 Bathymetry Reports.
 - Reviewed figures generated to evaluate the CPG's sediment transport model results in detail.
 - Prepared contaminant model mapping uncertainty, attended call on December 10, 2014, and follow-up calls (including December 11, 2014 call with A. Yeh and E. Naranjo).

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- Performed risk comparison between EPA and CPG.
- Followed-up with E. Naranjo and J. Clough on CPG December 11, 2014 deliverables call.
- Reviewed contents of hard drive received on December 15, 2014 with current CPG AOC and CFT model calibrations.

WAD 3, WO 2 - Modeling Collaboration with CPG

- Project Management and Support
 - Prepared monthly invoice and writeup.
- Weekly Conference Calls/Monthly Technical Meetings
 - Attended December 11, 2014 call with EPA and CPG to discuss CPG schedule and deliverables.
- Identify Model Differences
 - No activity.
- Data Action/Model Action Items
 - No activity.
- Communication with USEPA Project Team
 - Attended bi-weekly calls on December 9 and 23, 2014
 - Attended weekly status calls with EPA, USACE, and CDM Smith December 1, 8, and 15, 2014.
 - Prepared presentation slides from modeler's perspective and attended meeting to discuss project status and 2015 oversight planning with EPA, USACE, and CDM Smith held on December 12, 2014 at EPA NYC offices.

WAD 4, WO 3 – Review/Coordinate CPG Risk Assessment

- 2.5 Hours that were inadvertently charged to WE 1.4.1 in November 2014 have been transferred to this WE during this reporting period.
- Prepared presentation slides from risk assessors' perspective and attended meeting to discuss project status and 2015 oversight planning with EPA, USACE, and HDR held on December 12, 2015 at EPA NYC office.

WAD 5, WO 1 – RI/FS Documents

 Prepared presentation slides from the RI/FS team's perspective and attend meeting to discuss project status and 2015 oversight planning with EPA, USACE, and HDR held on December 12, 2015 at EPA NYC office.

WAD 5, WO 2 – Data Evaluation

- Prepared for and participated in a December 10, 2014 conference call/web presentation with EPA, USACE, and HDR on mapping uncertainty of contaminant distribution in the Passaic River.
- Consolidated CDM Smith's GIS shape files and data sets.

2. Anticipated Problems and Recommended Solutions

 The Progress Report will be updated starting in January 2015. Future project issues and solutions will be recorded in the specific tasks. This item and #3 below will be removed from future reports.

- 3. **Problems Resolved** See note above.
- 4. **Upcoming Events/Activities Planned –** CDM Smith will continue working on the following activities:
 - Participate in bi-weekly calls and weekly status calls.
 - Review CPG and Tierra documents when received.
 - Continue database management and data uploads as needed.
 - Review analytical data, phase 1 evaluation/recommendations report, and EDD received from CSO/SWO investigation.
 - Continue to formulate data presentation plans and evaluation of uncertainty.
 - Review of RAO/PRG technical memorandum when received.
 - Prepare for and participate in technical meeting with CPG to discuss depth of biologically active sediment layer.
 - Prepare for receipt of the RI/FS report documents.
- 5. **Key Staffing Changes** –CDM Smith was evaluating the possibility of changing the project manager for this task order. CDM Smith will report to and discuss with USACE once a staffing decision is made.
- 6. **Budget** See attached cost spreadsheet for negotiated budget, funded amount, and expenditure details.

7. Deliverables Submitted

(The full list of references prior to 2013 can be found in the April 2014 or earlier monthly reports.)

Title	Date Submitted
Submitted comments on River Mile 10.9 90 Percent Design	January 3, 2013
Submitted comments on RM 10.9 QAPP Addendum D	January 23, 2013
CDM Smith Field Change Request #13 - oversight of CPGs QAPP	February 13, 2013
Addendum D Field Effort	
Submitted comments on Updated Porewater SOPs RM 10.9 QAPP	February 19, 2013
Addendum D	-
Submitted comments on Tierra's Validated Rinse Blank Results for	February 28, 2013
the CSO/SWO sampling program	
Submitted comments on Porewater SOP RM 10.9 QAPP Add D	March 1, 2013
Submitted comments on Draft Final RM 10.9 Design	March 22, 2013
Submitted comments on GW Seepage Measurement Field Mod	March 25, 2013
Submitted comments on CSO/SWO QAPP Revision 2	April 4, 2013
Submitted comments on RM 10.9 design draft WQMP	April 24, 2013
Submitted comments on Fall 2009 Benthic Invertebrate Community	April 24, 2013
Survey and Benthic Field Data Collection, dated April 12, 2013	
Submitted comments on Habitat Identification Survey Data Report,	April 24, 2013
Fall 2010 Field Effort, dated April 12, 2013	
Submitted comments on RM 10.9 Draft Water Quality Monitoring	April 26, 2013
Plan	

Title	Date Submitted
Submitted comments on RM 10.9 Removal Action Final Design Report	May 17, 2103
Submitted comments on RM 10.9 Draft Perimeter Air and Noise Monitoring Plan	May 23 & 28, 2013
Submitted comments on RM 10.9 Waterline Setback	May 24, 2013
Submitted comments on Tierra CSO/SWO Forensic Sample Results	May 16, 2013
Submitted comments on CPG Field Modification Form 130522-1 SSP2 Sediment Probing	May 29, 2013
Submitted comments on RM 10.9 Cap Design Review & Waterfront Development Permit Equivalent Conditions	June 3, 2013
Submitted comments on CSO-SWO LSM Method Blank Evaluation Report dated May 23, 2013	June 10, 2013
CDM Smith Field Change Request #14 – HV CWCM filtrate sample	June 12, 2013
Submitted comments on the RM 10.9 Final Design Response to Comments	June 13, 2013
Submitted comments on the RM 10.9 Final Design LTMM	June 13, 2013
Submitted comments on Pre-Dredge Bathymetry Survey Calibration & QC SOP	July 10, 2013
Submitted comments on Tierra's CSO/SWO QAPP Field Modifications dated June 6, 2013	July 12, 2013
Submitted comments on SV CWCM QAPP Addendum A WQM	July 15, 2013
Submitted comments on RM 10.9 Removal Action Operational Plans	July 16, 2013
Submitted comments on Response to RM 10.9 Design Comments	July 18, 2013
Submitted comments on Complete Pre-Dredge Bathymetry Survey	July 24, 2013
CDM Smith QAPP Addendum 13 WQM RM 10.9	August 9, 2013
Submitted comments on CPG Revised SSP2 Sampling Locations	August 13, 2013
Submitted comments on the bathymetry survey results	August 29, 2013
CDM Smith Field Change Request 15 Oversight of the CPG SSP2 Sampling	September 18, 2013
Submitted comments on the CPG Draft Low Resolution Coring Supplemental Sampling Program Addendum Sampling Program QAPP, September 2013	September 18, 2013
Submitted comments on RM 10.9 RA High Sub-Grade Sediment Sampling Plan, September 25, 2013	September 26, 2013
Submitted comments on CPG's RM 10.9 Post-Dredge Sediment Sampling Plan	October 4, 2013
Submitted comments on CPG Field Modification FM131009 for the SSP2 Sampling Event	October 15, 2013
Submitted comments on CPG Field Modification FM-131018 to move station 13B-0523	October 22, 2013
Submitted comments on CPG RM 10.9 Capping Plan	October 22, 2013
Submitted comments on CPG Draft 2012 Benthic Invertebrate Community Reference Data Report	October 24, 2013
Submitted comments on CPG Field Modification FM-13103-1 for the SSP2 Sampling Event	November 4, 2013

Title	Date Submitted
Submitted comments on CPG RM 10.9 Removal Action Water Quality Monitoring: Proposed Monitoring During Capping Operations	November 6, 2013
Submitted comments on CPG RM 10.9 Removal Action Cap Active	November 20, 2013
Layer Monitoring: Approach for Carbon Analysis	, , , , , , , , , , , , , , , , , , , ,
Submitted comments on the CPG Draft 2012 Sediment Toxicity Reference Data Report, dated October 22, 2013	December 2, 2013
Submitted comments on CPG Periodic Bathymetry Survey, Fall 2011 Post Hurricane Irene Survey Report, dated March 2013, and the 2012 Periodic Bathymetry and Single Beam Survey Report, dated March 2013	December 27, 2013
Submitted comments on CPG Draft Revised Risk Analysis and Risk Characterization Plan, dated October 29, 2013.	January 16, 2014
Submitted comments on CPG Draft 2012 Chemistry Background Data Report, dated October 30, 2013.	January 24, 2014
Submitted comments on CPG Preliminary Draft Interim Conceptual Site Model, submitted on December 20, 2013.	January 24, 2014
Revised Capping Plan for Geotextile, Armor Stone & Habitat Layer Installation, Revision 10, dated January 31, 2014	February 4, 2014
Meeting Minutes for February 6, 2014 RI/FS Meeting	February 11, 2014
Submitted comments on CPG LRC Supplemental Sampling Program Characterization Summary	March 3, 2014
Submitted comments on CPG Draft Dissolved Oxygen Monitoring Program Data Report, dated Sept. 3, 2014	March 21, 2014
Submitted comments on Tierra's Passaic River RM 10.9 Pipeline Survey: Statement of Work	March 21, 2014
Submitted comments on CPG Draft SV CWCM Sampling Program Characterization Summary, dated Feb. 2014	April 1, 2014
2011-2013 Chemical Water Column Monitoring, Small Volume Split Sample Data Comparison	April 14, 2014
Burial and Burrowing Depth of Infaunal Organism from the Passaic River, New Jersey	April 22, 2014
Submitted comments on CPG Draft HV CWCM Sampling Program Characterization Summary, dated Feb. 2014	May 15, 2014
Submitted comments on Tierra RM 10.9 Piping Geophysical Surveys: Parametric Echosounder and Ground Penetrating Radar SOW, QAPP and HASP	May 20, 2014
Submitted comments on Passaic River RM 10.9 Final Armor Layer Survey Technical Memorandum	May 20, 2014
Burial and Burrowing Depth of Infaunal Organism from the Passaic River, New Jersey, Technical Memorandum	June 5, 2014
2013 High Volume Chemical Water Column Split Sample Data Comparison for the Lower Passaic River Study Area	June 17, 2014
Submitted compiled CSM comments	July 3, 2014
Submitted BHHRA review comments	July 18, 2014
Forwarded comments on PWCM report	July 24, 2014

Title	Date Submitted
Submitted revised BHHRA review comments	July 25, 2014
Submitted compiled comments (incorporating NJDEP comments)	July 30, 2014
on 2012 Background/Reference Sediment Chemistry Data Report	•
Submitted revised CSM comments (incorporating HDR comments)	August 1, 2014
Submitted additional BHHRA review comments	August 1, 2014
Submitted BERA review comments	August 8, 2014
Submitted RM 10.9 RA oversight summary report	August 15, 2014
Submitted comments on final Data Usability and Data Evaluation	August 19, 2014
Plan for Risk Assessment (reviewed NJDEP comments and emailed	
evaluation)	
Submitted comments on Appendix G of the BHHRA	August 21, 2014
Submitted Review of CPG's Response to Comments and Additional	August 29, 2014
Comments on the Feasibility Study Work Plan, LPRSA RI/FS,	
Revision 3	
Submitted Compiled Comments on the CPG Draft Baseline Human	September 4, 2014
Health Risk Assessment Report	_
Submitted comments on the CPG River Mile 10.9 Removal Action	September 24, 2014
Final Construction Report	_
Submitted lessons learned during RM 10.9 dredging and capping	September 25, 2014
activities	_
Submitted 2012 Background Tissue Split Sampling Data	October 13, 2014
Comparison for the Lower Passaic River Study Area	
Submitted additional comments on Appendix G of the CPG Draft	October 16, 2014
Baseline Human Health Risk Assessment Report	
Submitted comments on Tierra Solutions, Inc. Quality Assurance	October 22, 2014
Project Plan for River Mile 10.9 Pipeline Probing Survey, Revision 0	
Submitted Second Supplemental Sampling Program Split Sample	October 31, 2014
Data Comparison for the Lower Passaic River Study Area	
Submitted RM 10.9 Post Armor Stone Relocation Photo Log	November 6, 2014
Submitted Summary of Technical Areas of Disagreement with CPG	November 12, 2014
Memorandum	
Submitted comments on CPG's LRC Supplemental Sampling	November 14, 2014
Program Addendum Second SSP Characterization Summary	